

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104040.D
 Acq On : 29 Mar 2018 9:14
 Operator : JU/SJ
 Sample : J2088-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-001

Quant Time: Mar 29 12:09:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

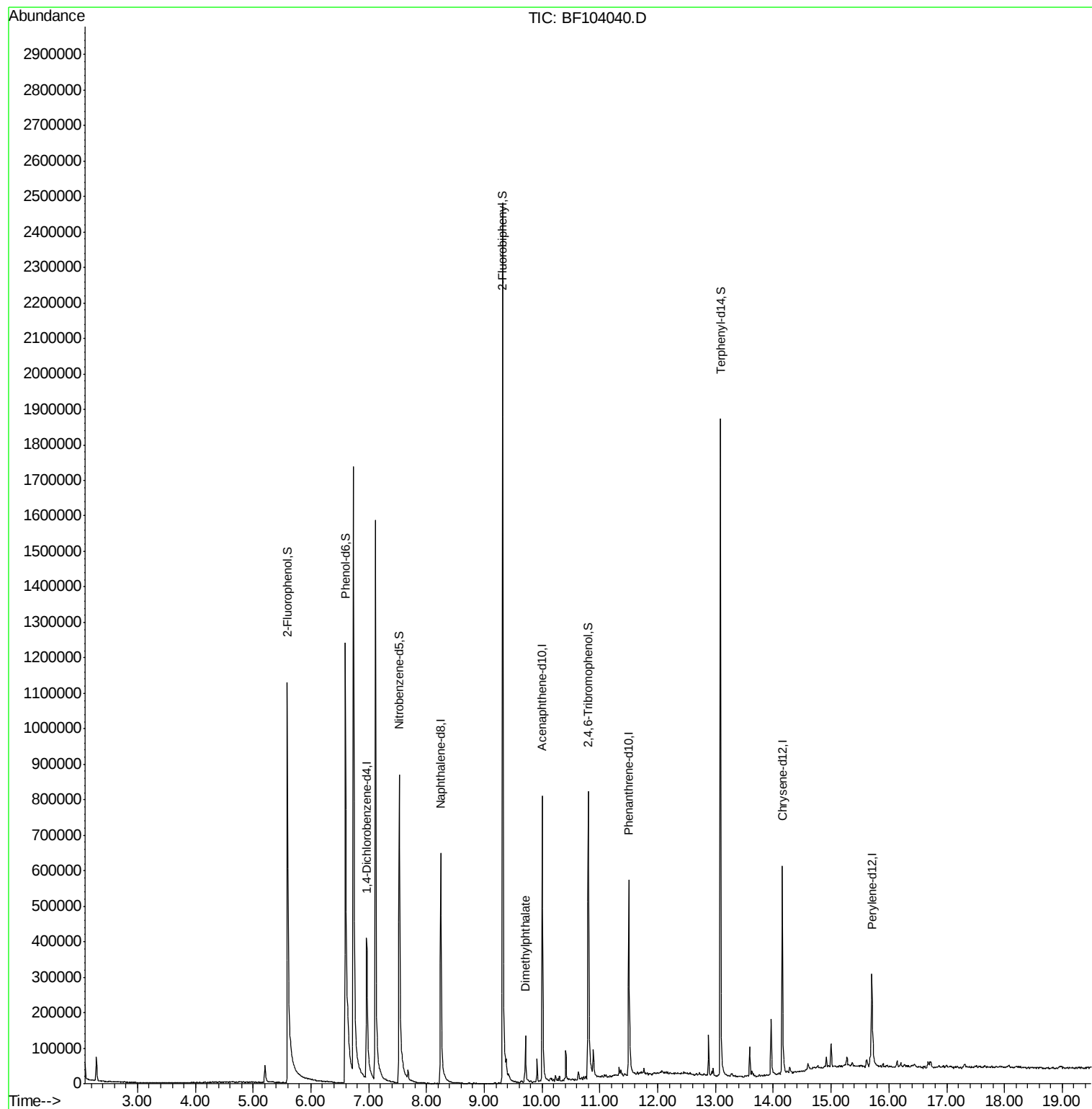
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	115484	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	472084	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	191825	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	283078	20.00	ng	0.00
75) Chrysene-d12	14.16	240	238958	20.00	ng	0.00
86) Perylene-d12	15.70	264	163209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	681069	94.05	ng	0.00
7) Phenol-d6	6.60	99	897279	100.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	504120	65.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	148793	69.66	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1013917	83.35	ng	0.00
78) Terphenyl-d14	13.09	244	751023	72.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	78282	5.169	ng	Qvalue 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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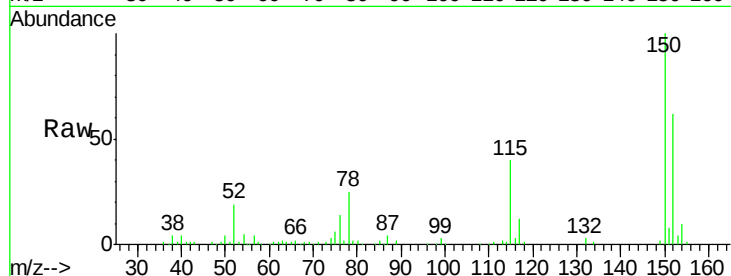


#1

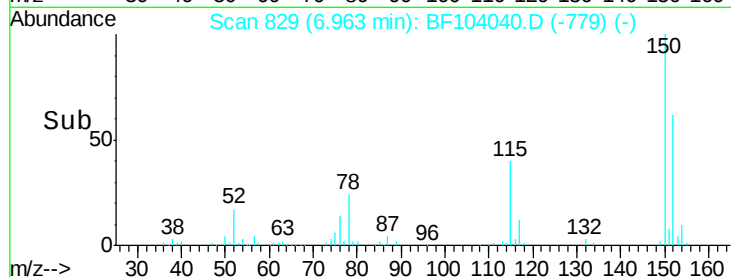
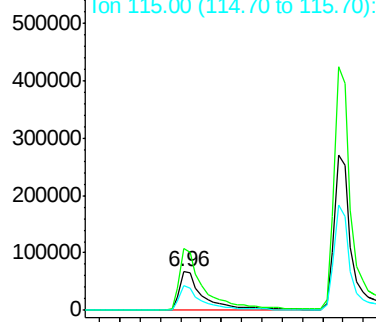
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF104040.D
 Acq: 29 Mar 2018 9:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-001

Tot Ion:152 Resp: 115484
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.6 186.8
 115 64.7 50.1 75.1



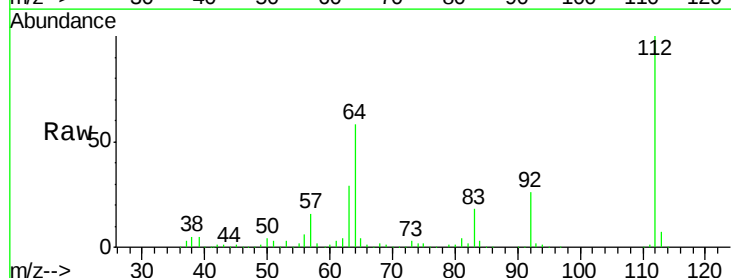
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



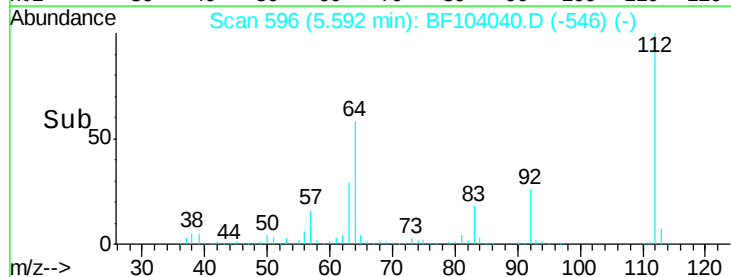
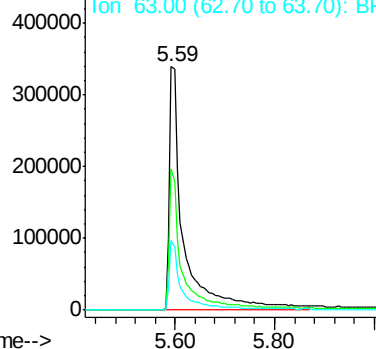
#5

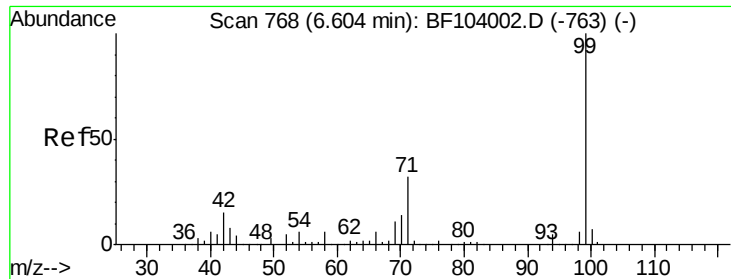
2-Fluorophenol
 Concen: 94.051 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF104040.D
 Acq: 29 Mar 2018 9:14

Tgt Ion:112 Resp: 681069
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.713 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

TP-001

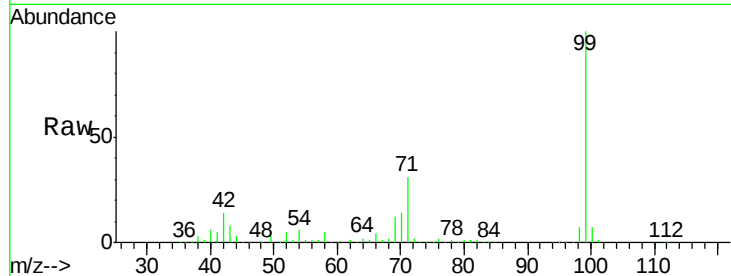
Tot Ion: 99 Resp: 897279

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

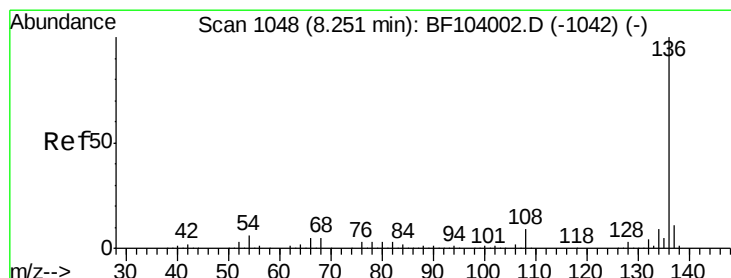
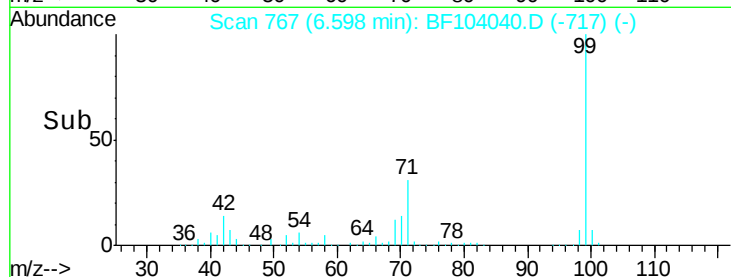
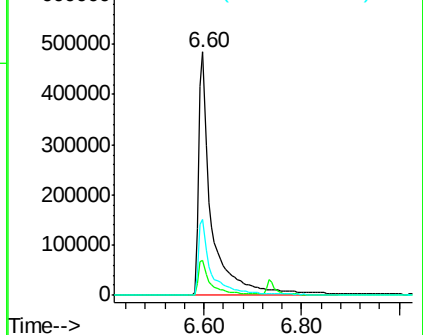
71 31.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Tgt Ion: 136 Resp: 472084

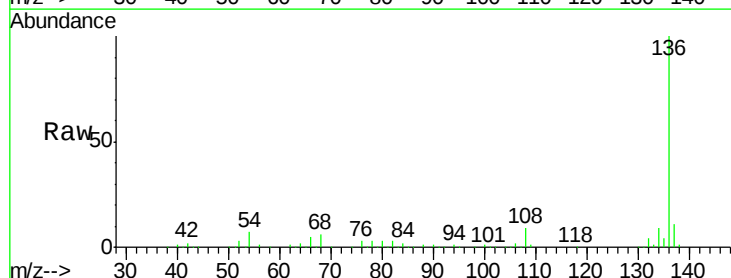
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

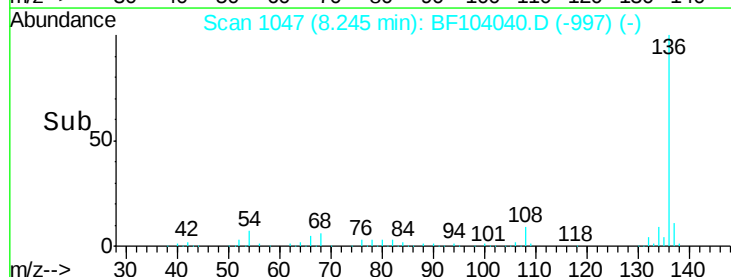
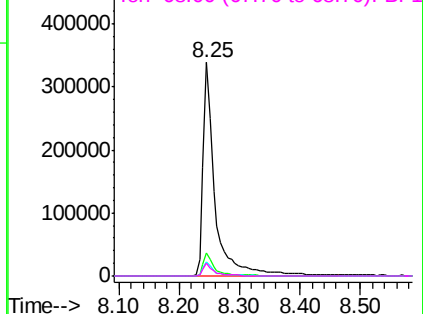


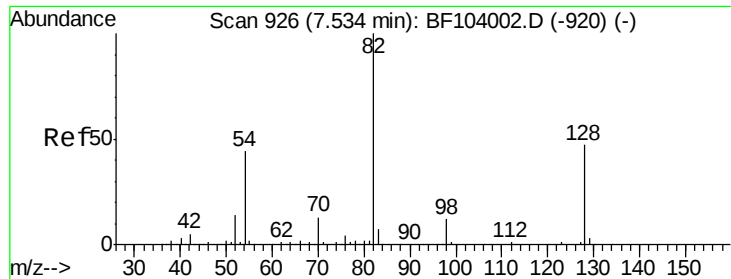
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

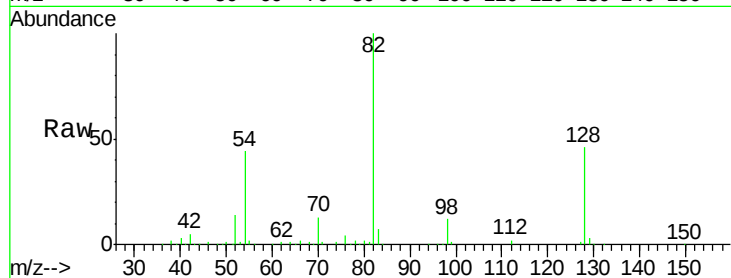




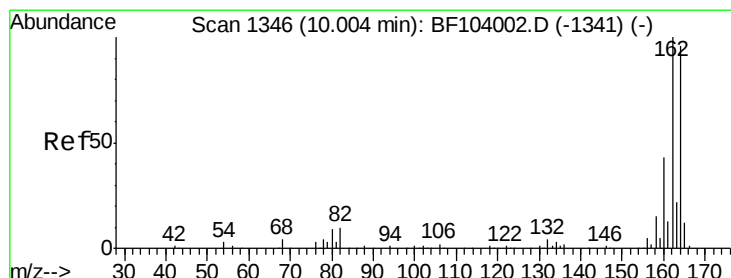
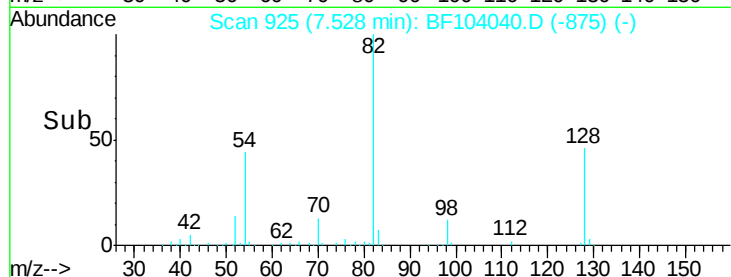
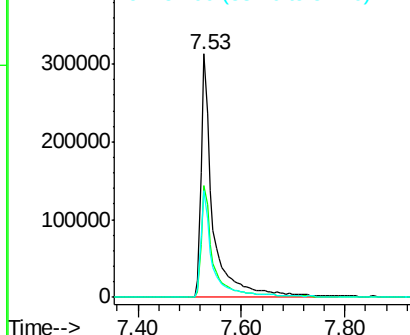
#23
Nitrobenzene-d5
Concen: 65.306 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Instrument :
BNA_F
ClientSampleId :
TP-001

Tot Ion	82	Resp	504120
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	43.7	41.4	62.2

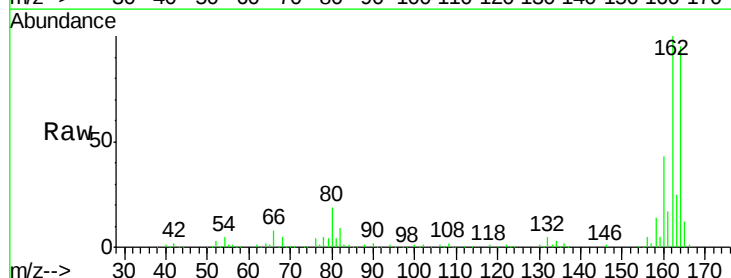


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

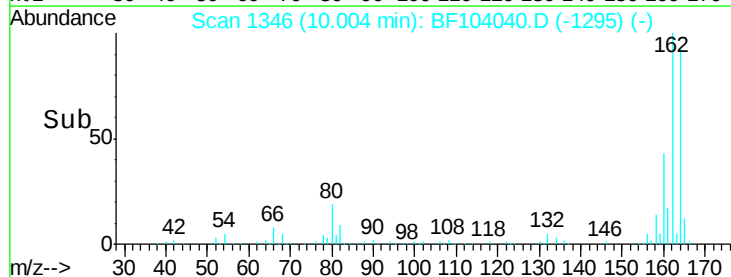
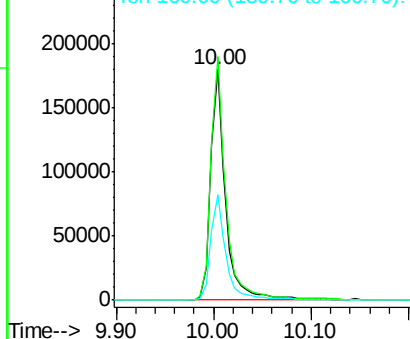


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Tgt Ion	164	Resp	191825
Ion Ratio	Lower	Upper	
164	100		
162	105.6	86.1	129.1
160	45.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

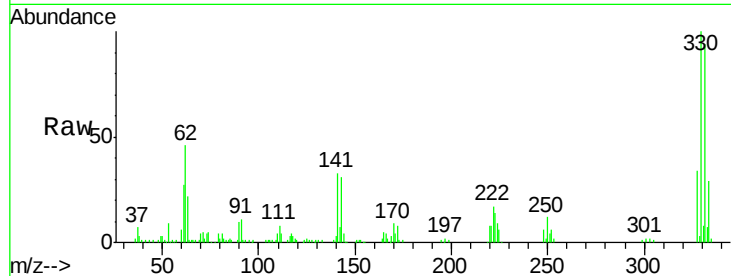




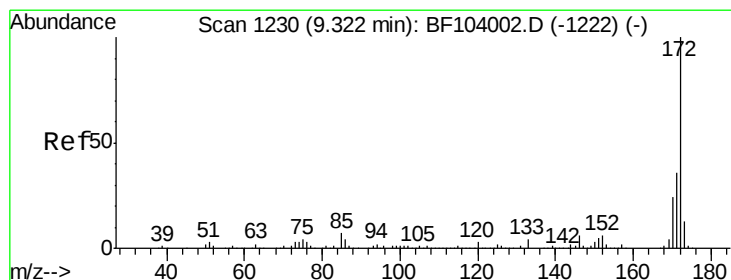
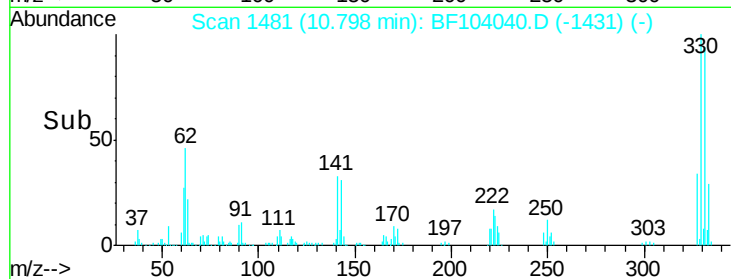
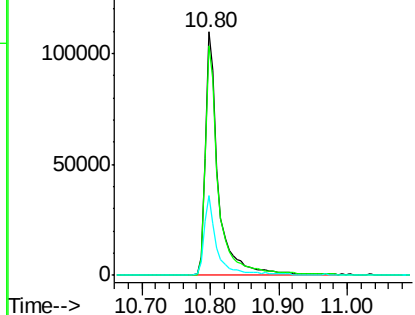
#41
 2,4,6-Tribromophenol
 Concen: 69.660 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104040.D
 Acq: 29 Mar 2018 9:14

Instrument :
 BNA_F
 ClientSampled :
 TP-001

Tot Ion:330 Resp: 148793
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.3 29.9 44.9

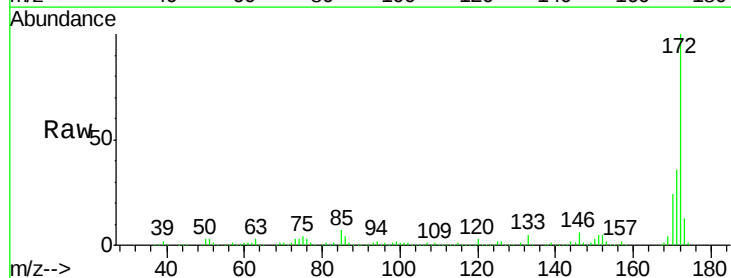


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

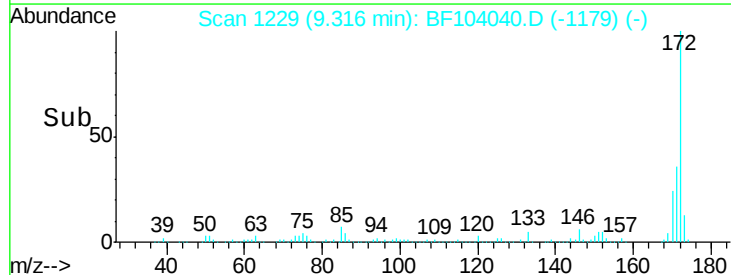
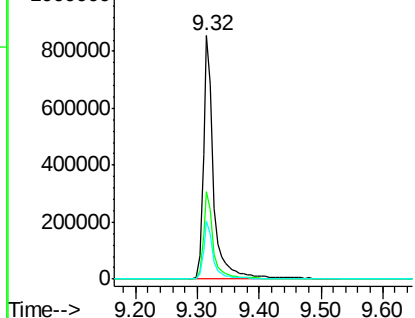


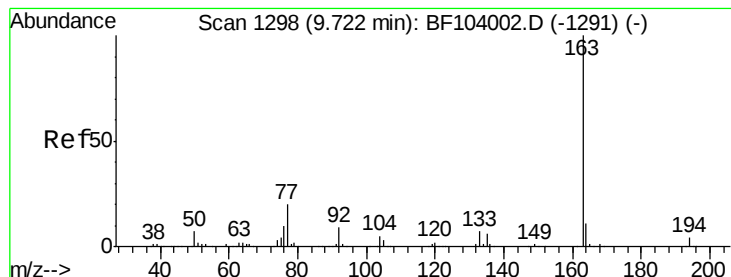
#44
 2-Fluorobiphenyl
 Concen: 83.350 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104040.D
 Acq: 29 Mar 2018 9:14

Tgt Ion:172 Resp: 1013917
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.169 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampleId :

TP-001

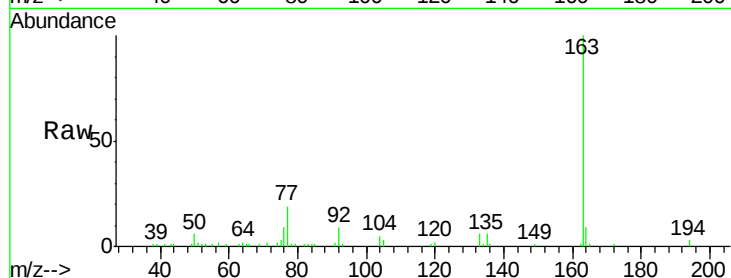
Tot Ion:163 Resp: 78282

Ion Ratio Lower Upper

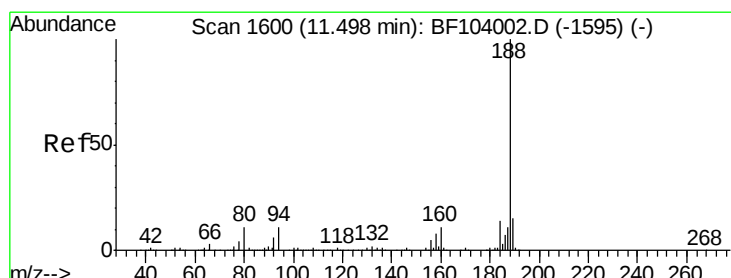
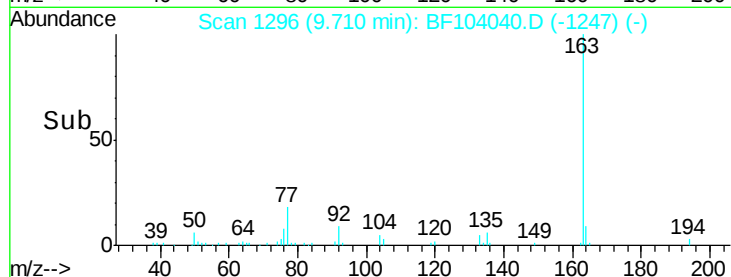
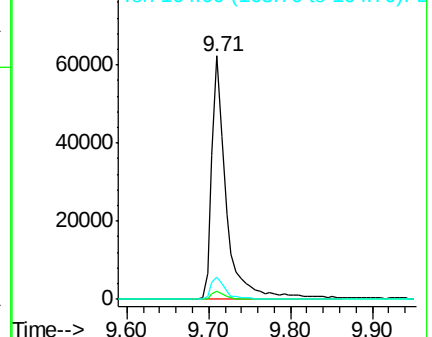
163 100

194 3.4 2.7 4.1

164 9.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

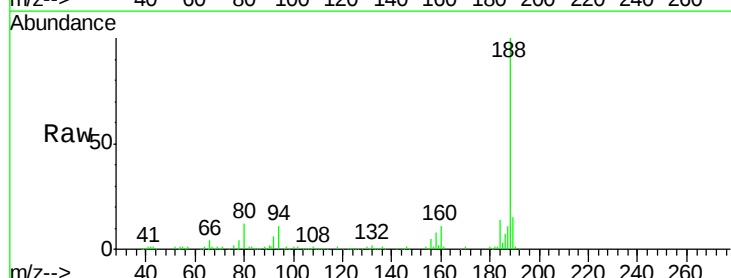
Tgt Ion:188 Resp: 283078

Ion Ratio Lower Upper

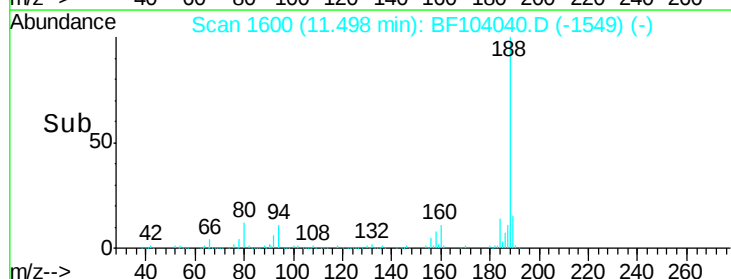
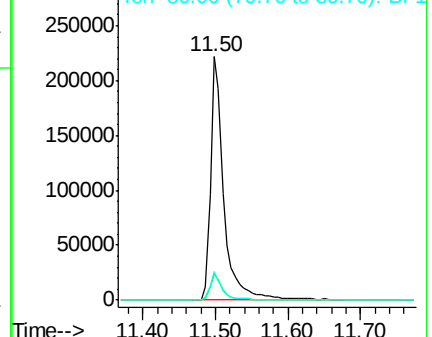
188 100

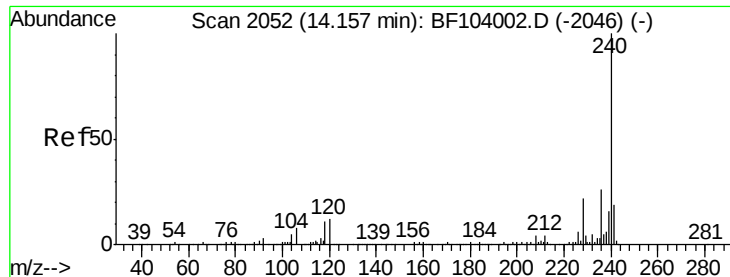
94 10.5 8.5 12.7

80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

Instrument :

BNA_F

ClientSampled :

TP-001

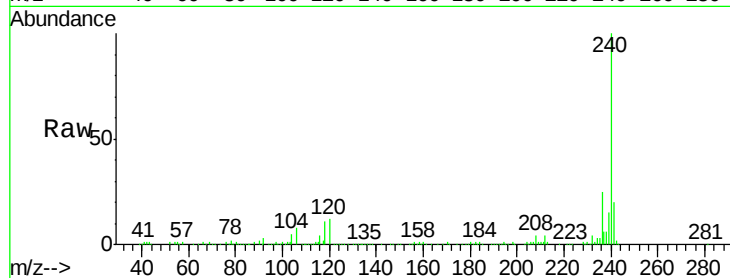
Tot Ion:240 Resp: 238958

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

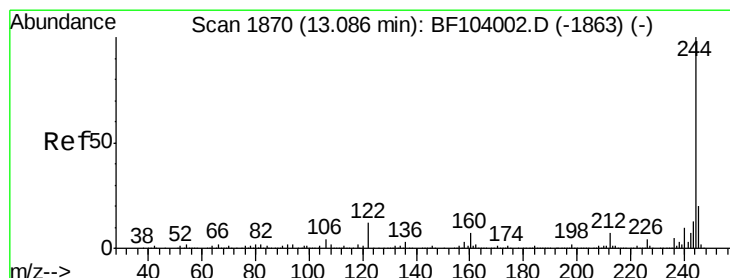
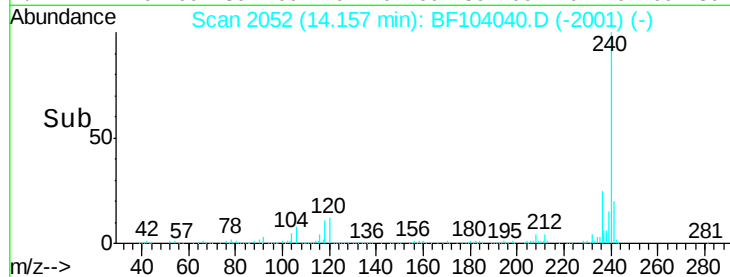
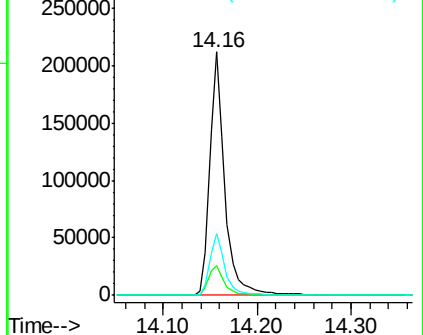
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 72.568 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104040.D

Acq: 29 Mar 2018 9:14

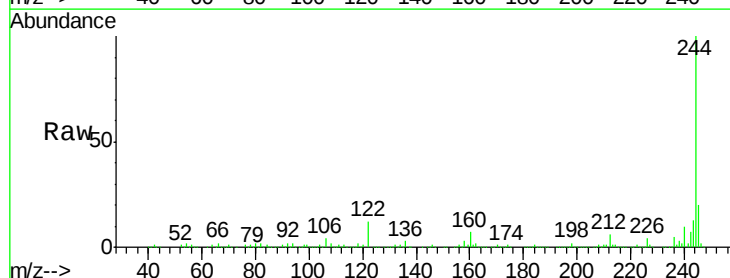
Tgt Ion:244 Resp: 751023

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

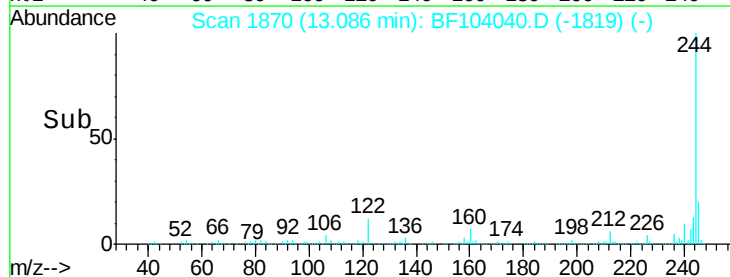
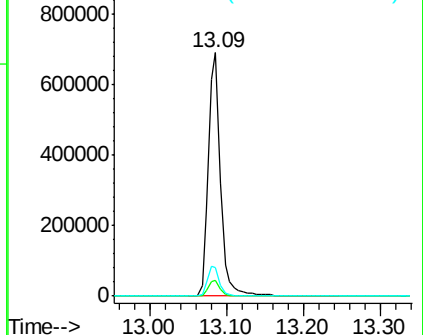
122 11.8 11.0 16.4

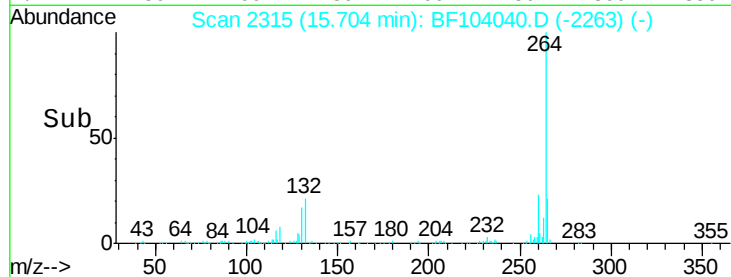
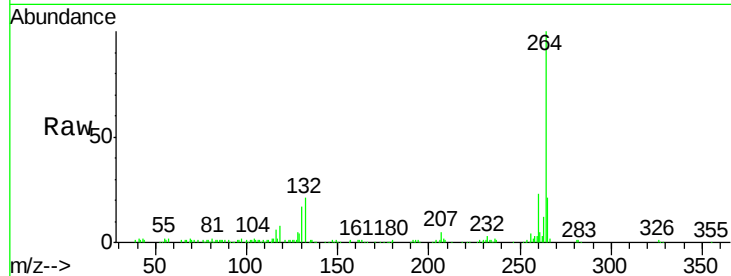
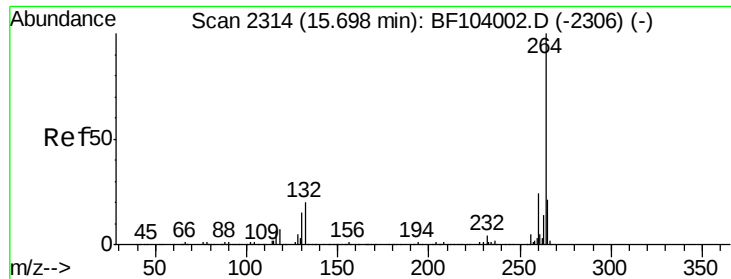


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104040.D
Acq: 29 Mar 2018 9:14

Instrument :
BNA_F
ClientSampleId :
TP-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3

